

ABSTRACT

A blood sampling device having a valve between a chamber for receiving a limited quantity of fluid and a needle for penetrating a sample bottle. The valve comprises a rigid connector with a compressible tube extending along a beam and an arm extending across tube and the beam such that the tube can be compressed between the beam and the arm. A bottle adapter connected to the valve has an elongated or ovoid base. A needle is enclosed within the bottle adapter. Within the bottle adapter are longitudinally extending fins. A removable needle cap over the needle is held in place by a lid. Another bottle adapter has a wall deformable from a first configuration into a second configuration. The bottle adaptor may be removable and may have a slot such that the needle and the needle cap can be inserted into the bottle adaptor through the slot.